

A. S. I. & H.  
Meetings

THE MICHIGAN DEPARTMENT OF CONSERVATION will be host for the 1947 meetings of the AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS, to be held at the Higgins Lake State Training School, near Roscommon, in the resort area of the northern portion of the Lower Peninsula, August 28-30. The AMERICAN SOCIETY OF MAMMALOGISTS will meet at Higgins Lake August 25-27.

## INDEX TO SCIENTIFIC NAMES

### 1946, NOS. 1-4

New names and their principal references are printed in bold face type.

- Abramis ballerus, 24
- brama, 25
- Acanthocybium solandri, 84
- Acanthurus bahianus, 175
- acerensis, *Phrynobatrachus*, 15-16
- Achirus fasciatus, 263
- Acipenser ruthenus, 26
- stellatus, 25
- Acris, 253
- crepitans, 44, 253
- gryllus, 253
- crepitans, 253
- acuminatus, *Oxybelis*, 108
- acutus, *Crocodylus*, 13, 152
- Fodiator, 189
- adspersus, *Tautogolabrus*, 136
- Aeginella longicornis, 137
- aestivus, *Ophedrys*, 44, 73
- affinis, *Cypselurus*, 193
- Hirundichthys, 193, 206
- Upogebia, 135
- Agkistrodon, 150-51
- mokeson austrius, 44, 74
- laticinctus, 242, 246
- mokeson, 242-44, 246-47
- piscivorus, 242, 244-46
- leucostoma, 44
- piscivorus, 74
- albilabris, *Leptodactylus*, 51
- albonotatus, *Physalaemus*, 154
- albopunctatus, *Chiasmocleis*, 154
- Alligator, 149-50
- mississippiensis, 74
- thompsoni, 150
- Allogambusia tridentiger, 21-22
- Allophallus kidderi, 21-22
- altipinnis, *Notropis*, 79
- altus, *Pseudopriacanthus*, 175
- amabilis, *Diadophis*, 70
- Ambloplites cavifrons, 220
- Ambystoma opacum, 106
- tigrinum mavortium, 51
- tigrinum, 51
- Ameiva exsul, 51
- amentus, *Esox*, 43
- americana, *Mysis*, 134, 136-37, 139, 141-42
- americanus, *Bufo americanus*, 44, 107
- Bufo terrestris, 107
- amoena, *Carphophis amoena*, 48
- Ampelisca, 134, 137, 139
- Amphisbaena leucura, 16
- Amyda, 46
- emoryi, 46
- sinensis, 249
- Anchoviella, 23
- Andrias scheuchzeri, 149
- Aneides ferreus, 45
- flavipunctatus, 45
- Anguilla rostrata, 137
- Anhinga, 17
- Anolis, 1
- carolinensis, 73
- chrysolepis, 108
- cristatellus, 50
- pulchellus, 50
- Anoptichthys jordani, 86, 88-89
- antillensis, *Eleutherodactylus*, 51
- Aphredoderus, 263
- sayanus, 263
- Aplodinotus grunniens, 263
- Arbutus menziesii, 159
- Archomenella pinguis, 137
- arenarius, *Haustorius*, 134
- arnyi, *Diadophis punctatus*, 44
- asper, *Engyurus*, 11
- Aspius aspius, 24
- aspius, *Aspius*, 24
- Assellus, 49
- Astyanax mexicanus, 88
- atlanticus, *Tarpon*, 175
- Atractus trilineatus, 108
- atricaudatus, *Crotalus horridus*, 74
- atromaculatus, *Semotilus atromaculatus*, 226
- atrorus, *Schilbeodes marginatus*, 226
- atrox, *Crotalus*, 242, 244, 247-48
- attenuatus, *Batrachoseps attenuatus*, 45
- auduboni, *Sylvilagus*, 64, 70
- Aulophallus, 23
- elongatus, 20-23
- auratus, *Carassius*, 85
- austrius, *Agkistrodon mokeson*, 44, 74
- bahianus, *Acanthurus*, 175
- baileyi, *Crotaphytus collaris*, 257
- ballerus, *Abramis*, 24
- barbatulus, *Nemachilus*, 88
- barbatus, *Sus*, 48

Barbourisia, 41-42, 260-62  
rufa, 41, 260

Barbus capito, 25

Batrachoseps attenuatus attenuatus, 45

bartramia, *Hyla crucifer*, 103

beecheyi, *Citellus*, 64, 70

belizanus, *Belonesox*, 21-23

Belone belone, 191

belone, *Belone*, 191

Belonesox belizanus, 21-23

Benthoscopus, 42

laticeps, 42

Berberis, 159

bilinearis, *Merluccius*, 136

bimaculata, *Elaphe*, 251-52

bimaculatus, *Pseudoxiphophorus*, 21-22

bilineata, *Eurycea bislineata*, 106

bispinosus, *Diastylis*, 139

plainvillii, *Phrynosoma*, 64

Boleosoma podostemone, 220

borealis, *Cancer*, 139

bottae, *Charina*, 158

Thomomys, 64, 70

boutoni, *Cryptoblepharus*, 258

boylii, *Peromyscus*, 64

brachiopterus, *Exocoetus*, 210

Brachypleura, 97

Brachyrhaphis cascadensis, 21-22

episcopi, 21-22

terrabensis, 21-22

brama, *Abramus*, 25

braminus, *Typhlops*, 101

bubalus, *Ictiobus*, 263

Bufo, 149

americanus americanus, 44, 107

granulosus, 143-54

marinus, 108, 153-54

paracnemis, 153-54

terrestris, 72, 107

americanus, 107

copei, 107

terrestris, 107

woodhousii, 256

Bungarus multicinctus multicinctus, 252

wanghotingi, 252

butleri, *Thamnophis*, 106

caeca, *Chirodotea*, 137

Calappa, 175

californicus, *Lophortyx*, 65, 70

californicus, *Cheilopogon*, 192, 206, 208, 213

Cypselurus, 188-98, 200-13

Cypsilurus, 196, 208-209

Exocoetus, 208

Microtus, 64, 70

Perognathus, 64

Callechelys, 175

Callinectes sapidus, 263

Cambaroides, 145

Cambarus, 145

Cancer borealis, 139

capito, *Barbus*, 25

Caranx guara, 259

Carassius auratus, 85

Carcharhinus milberti, 174-75

obscurus, 174-75

Cardium pinnatum, 137

carinatus, *Engyurus*, 10-11

carolina, *Terrapene*, 173

carolinensis, *Anolis*, 73

Gastrophryne, 44, 72

carolinus, *Prionotus*, 118-21, 123-37, 139-42

Carpophis amoena amoena, 48

vermis, 44

carpio, *Cyprinus*, 25, 263

cascajalensis, *Brachyrhaphis*, 21-22

caspica, *Clemmys*, 150

caspicus, *Salmo trutta*, 25

Castilleja, 159

catenatus, *Sistrurus catenatus*, 242-43, 245-46, 248

catenifer, *Pituophis*, 70

catesbeiana, *Rana*, 44, 72

Catotomus flabellaris, 226

Catostomus commersonii commersonii, 226

caudimaculatus, *Hemicoccoetus*, 189

Causus rhombatus, 17

cavifrons, *Ambloplites*, 220

Cemophora coccinea, 73

centrata, *Malaclemmys terrapin*, 171-72

Centropages hamatus, 136

cepedianum, *Dorosoma*, 263

Cephalacanthus volitans, 140

cephalus, *Mugil*, 263

Cerapus tabularis, 137-38

cerasinus, *Notropis*, 226

cervinum, *Moxostoma*, 218-19, 224

Cervus hippelaphus, 17

Cetostomus, 262

regani, 262

Cetomimus, 41, 262

Chaeobrytus coronarius, 263

Channa orientalis, 41

Charina, 158-59

bottae, 158

Cheilopogon, 205, 207-208, 210-13

californicus, 192, 206, 208, 213

pinnatibarbatus, 206, 208, 211

solandri, 206

Chelonia mydas, 48

Chelydra, 151

serpentina serpentina, 44, 173

Chiasmocleis albopunctatus, 154

Chilopogon, 207

chinensis, *Eumeces chinensis*, 250

Chirodotea caeca, 137

chittendeni, *Cyclopsetta*, 28

Chrosomus oreas, 226

Chrysemys picta marginata, 255

chrysolepis, *Anolis*, 108

cinerea, *Formica*, 145

Hyla cinerea, 72

cinereus, *Plethodon cinereus*, 106, 169

cirriger, *Cypselurus*, 210, 213

Exocoetes, 207, 210

Exonotus, 210

Penonotus, 210

*Citellus beecheyi*, 64, 70  
*spilosoma*, 51  
*Citharichthys macrops*, 175  
*clamitans*, *Rana*, 44, 72, 237  
*Clemmys*, 150  
*caspia*, 150  
*leprosa*, 150  
*marmorata*, 150  
*Clevelandia ios*, 113, 116  
*Clinostomus vandoisulus*, 226  
*Clupea harengus*, 136  
*clupeiformis*, *Coregonus*, 43  
*Cnemidophorus*, 173  
*sexlineatus*, 44, 73  
*tessellatus*, 64, 70  
*tessellatus*, 257  
*Cobitis taenia*, 262  
*coccinea*, *Cemophora*, 73  
*coenosus*, *Pleuronichthys*, 196  
*cognatus*, *Cottus*, 100  
*Coloblabis saira*, 193, 197  
*Coluber constrictor constrictor*, 48, 73, 243, 245  
*mormon*, 159  
*lateralis*, 70  
*comatus*, *Cyprinus*, 192, 206  
*commersonii*, *Hemiramphus*, 192  
*Commersonii*, *Exocetus*, 212  
*commersonii*, *Catostomus commersonii*, 226  
*constrictor*, *Coluber constrictor*, 48, 73, 243, 245  
*contortrix*, *Heterodon*, 47-48, 75, 77, 243  
*Heterodon contortrix*, 44, 73  
*copei*, *Bufo terrestris*, 107  
*coregoni*, *Echinorhynchus*, 235  
*Coregonus*, 148  
*clupeaformis*, 43  
*coromandulensis*, *Cyprinus*, 192  
*Hirundichthys*, 192  
*coronarius*, *Chaenobryttus*, 263  
*Coryphaena hippurus*, 81, 84  
*Cottus cognatus*, 100  
*Crago*, 140  
*septemspinosis*, 135, 137-42  
*crassus*, *Triaenophorus*, 235  
*crepitans*, *Acris*, 44, 253  
*Acis gryllus*, 233  
*cristatellus*, *Anolis*, 50  
*Crocodylus*, 151-52  
*acutus*, 13, 152  
*novae-guineae*, 17-20  
*porosus*, 18-20, 152  
*Crotalus atrox*, 242, 244, 247-48  
*horridus atricaudatus*, 74  
*horridus*, 242-43, 245, 247  
*molossus*, 247  
*viridis lutosus*, 257  
*oreganus*, 64, 70  
*Crotaphytus collaris baileyi*, 257  
*wilsoni*, 257  
*crucifer*, *Hyla crucifer*, 103  
*Cryptoblepharus*, 258  
*boutoni*, 258  
*Cryptobranchus*, 149  
*cuvier*, *Galeocerdo*, 174  
*cyanellus*, *Lepomis*, 263  
*cyanopterus*, *Cyprinus*, 206  
*Cyathocephalus*, 235  
*Cyclopsetta*, 28  
*chittendeni*, 28  
*decussata*, 27  
*fimbriata*, 28  
*querna*, 27-28  
*Cynoscion*, 263  
*nebulosus*, 263  
*Cyprinodon*, 41  
*Cyprinus carpio*, 25, 263  
*Cyprinus*, 189, 191, 193-94, 204-205, 207-208, 210, 212-13  
*affinis*, 193  
*californicus*, 188-98, 200-13  
*cirriger*, 210, 213  
*comatus*, 192, 206  
*coromandulensis*, 192  
*cyanopterus*, 206  
*exsiliens*, 206  
*furcatus*, 206, 212  
*heterurus*, 192, 194-95, 206, 208  
*lineatus*, 211-13  
*lutkeni*, 192, 206  
*minos*, 211  
*new species*, 193, 196, 209  
*pinnatibarbatus*, 206, 208, 210-13  
*pulchellus*, 217, 211-12  
*solandri*, 206, 210-11, 213  
*speculiger*, 188-89, 206  
*Cyprinus*, 205, 210  
*californicus*, 196, 208-209  
*daemeli*, *Rana*, 18  
*Danichthys*, 204-205, 213  
*rondeletii*, 189, 192, 194, 206  
*rufipinnis*, 209  
*Darienichthys dariensis*, 21-22  
*dariensis*, *Darienichthys*, 21-22  
*Dasyatis guttatus*, 43  
*latus*, 43  
*decussata*, *Cyclopsetta*, 27  
*dekayi*, *Storeria*, 244, 246-47  
*Demansia olivacea*, 18  
*dentatus*, *Paralichthys*, 86  
*deserticola*, *Pituophis catenifer*, 257  
*Desmognathus fuscus fuscus*, 48  
*Devisia*, 151  
*Diadophis amabilis*, 70  
*punctatus arnyi*, 44  
*edwardsii*, 47  
*punctatus*, 73  
*diaphanus*, *Fundulus diaphanus*, 79  
*Diastylis*, 134, 137-38  
*bispinosus*, 139  
*Dicamptodon*, 45  
*Dinematichthys iluocoeteoides*, 92, 95  
*Dinodon rufozonatum*, 251  
*dione*, *Elaphe*, 251-52  
*Dipodomys heermanni*, 64, 70  
*Dipsosaurus dorsalis dorsalis*, 172  
*directus*, *Ensis*, 139  
*Ditropichthys*, 41, 262

divaricata, *Larrea*, 172  
*Dormitator*, 263  
 maculatus, 263  
*Dorosoma cepedianum*, 263  
*dorsalis*, *Diposaurus dorsalis*, 172  
*douglassii*, *Phrynosoma douglassii*, 257  
*dovii*, *Gambusia*, 21-22  
*dubius*, *Thorius*, 45  
*dumerili*, *Seriola*, 83, 259

*Echinorhynchus coregoni*, 235  
*edwardsii*, *Diaphophis punctatus*, 47  
 Monoculodes, 137  
*Egretta*, 18  
*Elachistocleis ovale*, 154  
*Elaphe*, 150-51, 161-62, 164-67, 170  
 bimaculata, 251-52  
 dione, 251-52  
 guttata, 73-74, 167  
 obsolete, 44, 48, 102, 160,  
 163-64, 167, 243, 245  
*elegans*, *Psammophis*, 16  
*Turbonilla*, 139  
*Eleutherodactylus antillensis*, 51  
 latrans, 173  
 urichi, 108  
*elongata*, *Hyla*, 153  
*elongatus*, *Aulophallus*, 20-23  
*Gnathagnus*, 42  
*Plethodon*, 45  
*Elops*, 263  
 saurus, 263  
*emoryi*, *Amyda*, 46  
*Emydura*, 18  
*Emys*, 148, 150  
 orbicularis, 150  
*Engyurus*, 10  
 asper, 11  
 carinatus, 10-11  
*Ensatina escholtzii*, 45  
 escholtzii, 45  
 picta, 45  
*Ensis directus*, 139  
*Epinephelus morio*, 175  
*episcopi*, *Brachyrhaphis*, 21-22  
*erinacea*, *Raja*, 140  
*erythrocephalus*, *Theotops*, 145  
*erythrogaster*, *Natrix erythrogaster*, 44,  
 256  
*erythrophthalmus*, *Scardinius*, 24-25  
*escholtzii*, *Ensatina*, 45  
 Ensatina escholtzii, 45  
*Esox amentus*, 43  
 immaculatus, 43  
 lucius, 88, 148  
*Eumeces*, 150  
 chinensis chinensis, 250  
 fasciatus, 44, 73  
 gilberti, 70  
 skiltonianus, 148  
*Eupemphix nattereri*, 154-55  
 pustulosus trinitatis, 108  
*Eurycea bislineata bislineata*, 106  
 longicauda longicauda, 169  
 melanopleura, 106

lucifuga, 106  
*Eutamias merriami*, 64  
*Euthynus yaito*, 84  
*evolans*, *Prionotus*, 119  
 Prionotus evolans, 119  
*Exocoetus Commersonii*, 212  
*Exocoetus*, 191, 195, 207  
 brachiopterus, 210  
 californicus, 208  
 cirriger, 207, 210  
 furcatus, 211  
 furcorum, 211-12  
 heterurus, 192  
 lineatus, 211-12  
 obtusirostris, 191  
 pinnatibarbatus, 211-12  
 rostratus, 189  
 solandri, 210  
 spilurus, 211  
 volitans, 191, 194-95  
*Exonastes*, 204  
 cirriger, 210  
 rondeletii, 189  
*exsiliens*, *Cypselurus*, 206  
*exsul*, *Ameiva*, 51

*falcata*, *Seriola*, 259-60  
*falcatus*, *Zonichthys*, 259  
*far*, *Hemiramphus*, 192  
*fasciata*, *Natrix sipedon*, 73, 256  
*fasciatus*, *Achirus*, 263  
*Eumeces*, 44, 73  
*Sceloporus undulatus*, 44, 47, 265  
*femoralis*, *Hyla*, 72  
*feriarum*, *Pseudacris*, 257  
*ferreus*, *Aneides*, 45  
*fimbriata*, *Cyclopsetta*, 28  
*flagellaris*, *Catotomus*, 226  
*flagellum*, *Masticophis flagellum*, 73  
*flavilata*, *Rhadinaea*, 73  
*flavipunctatus*, *Aneides*, 45  
*Fodiator acutus*, 189  
 pacificus, 189  
 rostratus, 189, 192  
*Formica cinerea*, 145  
 rufibarbis, 145  
*formosa*, *Heterandria*, 20-23  
*fowleri*, *Bufo woodhousii*, 44, 48, 104  
*frisi*, *Rutilus*, 24  
*fulvius*, *Micrurus*, 73  
 Micrurus fulvius, 74  
*Fundulus diaphanus diaphanus*, 79  
 heteroclitus macrolepidotus, 79  
*furcatus*, *Cypselurus*, 206, 212  
*Exocoetus*, 211  
*Ictalurus*, 263  
*furcorum*, *Exocoetus*, 211-12  
*fuscipes*, *Neotoma*, 64, 70  
*fuscomaculatus*, *Physalaemus*, 154  
*fuscus*, *Desmognathus fuscus*, 48  
 Papilio, 65, 70

gachua, *Ophicephalus*, 41  
*Galeocerdo cuvier*, 174  
*Gallinula*, 17

*Gambusia affinis holbrookii*, 21-22  
*dovii*, 21-22  
*nobilis*, 21-22

*Gammarus locusta*, 134, 137, 139, 141-42

*garnotii*, *Hemidactylus*, 4, 9, 45

*Gastrophryne carolinensis*, 44, 72

*Gehyra oceanica*, 101, 104

*Geoclemmys reevesi*, 249

*Geomyda*, 151

*geographica*, *Graptemys*, 168, 171

*georgii*, *Hemirhamphus*, 192

*Gerrhonotus*, 155-56, 159  
*coeruleus principis*, 155  
*multicarinatus*, 64  
*wiebii*, 105

*getulus*, *Lampropeltis getulus*, 47

*gibbifrons*, *Prognathichthys*, 192, 206

*gilberti*, *Eumeces*, 70  
*Illypnus*, 116  
*Schilbeodes*, 220

*glanis*, *Silurus*, 24

*glutinosus*, *Plethodon glutinosus*, 44, 106-107

*Gnathagnus*, 42  
*elongatus*, 42  
*innotabilis*, 42  
*laticeps*, 42

*Gonatodes humeralis*, 108  
*vittatus*, 108

*Gordichthys*, 175

*Gordius*, 234

*gracilens*, *Neacanthopsis*, 262

*gracilis*, *Physalaemus*, 154

*graciosus*, *Sceloporus graciosus*, 257

*grandicornis*, *Scorpaena*, 175

*granulosus*, *Bufo*, 153-54  
*Triturus granulosus*, 45

*Graptemys geographica*, 168, 171

*griseus*, *Sciurus*, 64

*grunniens*, *Aplodinotus*, 263

*gryllus*, *Acris*, 253

*guara*, *Caranx*, 259

*gurnardus*, *Trigla*, 124

*guttata*, *Elaphe*, 73-74, 167

*guttatus*, *Dasyatis*, 43

*Gyrinomimus*, 41-42, 116, 262  
*myersi*, 116-17  
*simplex*, 116, 117

*hamatus*, *Centropages*, 136

*hamiltoni*, *Thoburnia*, 218, 219, 220-23

*hammondii*, *Scaphiopus*, 70

*harengus*, *Clupea*, 136

*Haustorius arenarius*, 134

*heermannii*, *Dipodomys*, 64, 70

*Heloderma*, 151

*Hemidactylus*, 4, 6-7, 9  
*garnotii*, 4, 9, 45

*Hemixocoetus*, 190  
*caudimaculatus*, 189

*Hemiramphus*, 191, 208, 213  
*commersonii*, 192  
*far*, 192  
*georgii*, 192  
*krynsaensis*, 192

*marginatus*, 192

*Hepatus*, 175

*Heterandria*, 23  
*formosa*, 20-23

*Heterodon*, 75, 78  
*contortrix*, 47-48, 75, 77, 243  
*contortrix*, 44, 73

*Heterostichus rostratus*, 190

*heterurus*, *Cypselurus*, 192, 194-95, 206, 208

*Exocoetus*, 192

*hippelaphus*, *Cervus*, 17

*Hippoglossus hippoglossus*, 100

*hippoglossus*, *Hippoglossus*, 100

*hippurus*, *Coryphaena*, 81, 84

*Hirundichthys*, 204-205, 207-208, 213  
*affinis*, 193, 206  
*coromandensis*, 192  
*speculiger*, 188-89, 206

*hispidus*, *Sauromalus*, 254

*Histrio*, 193

*holbölili*, *Phoxocephalus*, 134, 137

*holbrookii*, *Lampropeltis getulus*, 44

*Scaphiopus holbrookii*, 72

*horridus*, *Crotalus horridus*, 242-43, 245, 247

*humeralis*, *Gonatodes*, 108

*Huro salmoides*, 263

*hyacinthinus*, *Sceloporus undulatus*, 265

*Hydnophytum*, 258

*Hydromantes*, 145, 151

*Hyla*, 103, 145, 149  
*cinerea cinerea*, 72  
*crucifer bartramia*, 103  
*crucifer*, 103

*elongata*, 153

*femoralis*, 72

*infrafrenata*, 18

*mccgregori*, 18, 258

*nana*, 153

*nasica*, 153

*nasuta*, 18

*regilla*, 257

*rubra*, 153

*spiegazzinii*, 153

*squirella*, 72

*venulosa*, 153

*versicolor versicolor*, 72

*Hylarathroleptis*, 15

*Hypentelium nigricans*, 226

*Hypopachus incrassatus*, 154

*Hypsilema*, 157-58  
*ochrorhyncha*, 76, 157

*Ictalurus*, 46  
*furcatus*, 263  
*punctatus*, 263

*Ictalurus bubalus*, 263

*Iguana iguana*, 50

*iguana*, *Iguana*, 50

*iliuoceteoides*, *Dinematichthys*, 92, 95

*Illypnus gilberti*, 116

*immaculatus*, *Esox*, 43

*incrassatus*, *Hypopachus*, 154

infans, *Poeciliopsis*, 21-22  
*infratrenata*, *Hyla*, 18  
*innotabilis*, *Gnathagnus*, 42  
*inornatus*, *Perognathus*, 64  
*intermontanus*, *Scaphiopus hammondii*, 256  
*interrupta*, *Morone*, 263  
*ios*, *Clevelandia*, 113, 116  
*Irediparra*, 17  
*irrorata*, *Unicola*, 134, 137, 139  
*jordani*, *Anoptichthys*, 86, 88-89  
*Plethodon*, 102  
*Kathetostoma*, 42  
*Katsuwonus pelamis*, 81-83  
*kidderi*, *Allophallus*, 21-22  
*Kinosternon subrubrum*, *subrubrum*, 74  
*krysnensis*, *Hemiramphus*, 192  
*Labidesthes*, 193  
*lacustris*, *Salmo*, 88  
*lalandi*, *Seriola*, 259  
*Lampropeltis*, 70  
*getulus getulus*, 47  
*holbrooki*, 44  
*triangulum syspila*, 44  
*triangulum*, 245, 247-48  
*Lanthanotus*, 151  
*Larrea divaricata*, 172  
*laterale*, *Leioploisma*, 44, 149  
*lateralis*, *Coluber*, 70  
*Natrix tigrina*, 250  
*laticeps*, *Benthoscopus*, 42  
*Gnathagnus*, 42  
*latincinctus*, *Aigistrodon mokeson*, 242, 246  
*latrans*, *Eleutherodactylus*, 173  
*latuus*, *Dasyatis*, 43  
*Lebistes reticulatus*, 21  
*Leioploisma*, 150-51  
*lateralis*, 44, 149  
*modestum*, 149  
*septentrionale*, 149  
*Lepidoblepharon*, 97  
*opthalmolepis*, 97  
*Lepidochelys olivacea*, 103  
*Lepidodactylus*, 6  
*lugubris*, 4, 8-9  
*Lepisosteus*, 100  
*osseus leptorhynchus*, 263  
*oxyurus*, 100  
*platostomus*, 263  
*spatula*, 263  
*Lepomis cyanellus*, 263  
*macrochirus*, 263  
*leprosa*, *Clemmys*, 150  
*leptocephalus*, *Nocomis*, 226  
*Leptodactylus albabilis*, 51  
*petersi*, 108  
*leptorhynchus*, *Lepisosteus osseus*, 263  
*leucichthys*, *Stenodus*, 25  
*leucostoma*, *Aigistrodon piscivorus*, 44  
*leucura*, *Amphisbaena*, 16  
*lineatus*, *Cypselurus*, 211-13  
*Cypsilurus*, 211  
*Exocoetus*, 211-12  
*littoralis*, *Malaclemys terrapin*, 171-72  
*Parexocoetus brachypterus*, 192, 194  
*locusta*, *Gammarus*, 134, 137, 139, 141-42  
*longicarpus*, *Pagurus*, 139  
*longicauda*, *Eurycea longicauda*, 169  
*longicornis*, *Aeginella*, 137  
*longirostris*, *Tylosurus*, 192  
*Lophortyx californica*, 65, 70  
*Lota lota*, 24, 148  
*lota*, *Lota*, 24, 148  
*lucifuga*, *Eurycea*, 106  
*Lucioperca lucioperca*, 24  
*volgensis*, 24  
*lucioperca*, *Lucioperca*, 24  
*lucus*, *Esox*, 88, 148  
*lugubris*, *Lepidodactylus*, 4, 8-9  
*Lupinus*, 159  
*lutkeni*, *Cypselurus*, 192, 206  
*lutulos*, *Crotalus viridis*, 257  
*macrocephala*, *Tilapia*, 88  
*macrochirus*, *Leiopomis*, 263  
*Macrocystis pyrifera*, 190  
*macrolepidotus*, *Fundulus heteroclitus*, 79  
*macrolepis*, *Sphaerodactylus*, 50  
*macrops*, *Citharichthys*, 175  
*macropterus*, *Neothunnus*, 84  
*macropilota*, *Malaclemys terrapin*, 171-72  
*macrostemma*, *Thamnophis*, 106  
*maculatus*, *Dormitor*, 263  
*Pseudupeneus*, 175  
*mairii*, *Natrix*, 18  
*Malaclemys* [*Malaclemys*], 171  
*littoralis rhizophorarum*, 171  
*pileata*, 171  
*terrapin*, 171  
*centrata*, 171-72  
*littoralis*, 171-72  
*macropilota*, 171-72  
*pileata*, 172  
*rhizophorarum*, 172  
*terrapin*, 172  
*maniculatus*, *Peromyscus*, 64  
*marcianus*, *Thamnophis*, 106  
*marginata*, *Chrysemys picta*, 255  
*Rissoula*, 175  
*marginatus*, *Hemiramphus*, 192  
*marina*, *Strongylura*, 192  
*marinus*, *Bufo*, 108, 153-54  
*Tylosurus*, 192  
*marmorata*, *Clemmys*, 150  
*Masticophis flagellum*, *flagellum*, 73  
*mavortium*, *Ambystoma tigrinum*, 51  
*mgregori*, *Hyla*, 18, 258  
*Megalobatrachus*, 149  
*megalotis*, *Reithrodontomys*, 64  
*Melaleuca*, 17, 19  
*melanogenion*, *Parexocoetus*, 208  
*Ptenonotus*, 208  
*melanopleura*, *Eurycea longicauda*, 106  
*melanotus*, *Tylosurus*, 191  
*melas*, *Ameiurus*, 46, 86  
*menziesii*, *Arbutus*, 159  
*meridionalis*, *Takydromus sexlineatus*, 250  
*Merluccius bilinearis*, 136

merriami, *Eutamias*, 64  
 mesogaster, *Parexocoetus*, 192  
 metcalfi, *Plethodon*, 102, 174  
*mexicanus*, *Astyanax*, 88  
*Michtheimysis stenolepis*, 134, 139  
*microlepis*, *Mycteroherca*, 175  
*Micropogon*, 263  
*undulatus*, 263  
*microterus*, *Oxyporhamphus micropterus*, 191  
*Microtus californicus*, 64, 70  
*pennsylvanicus pennsylvanicus*, 64  
*Micrurus*, 74  
*fulvius*, 73  
*fulvius*, 74  
*milberti*, *Carcharhinus*, 174-75  
*miliarius*, *Sistrurus miliarius*, 73  
*minos*, *Cyprinurus*, 211  
*minutus*, *Pseudocalanus*, 136  
*mississippiensis*, *Alligator*, 74  
*mitchelli*, *Anchoviella*, 23  
*modestum*, *Leioploisma*, 149  
*mokeson*, *Agkistrodon mokeson*, 242-44, 246-47  
*Mollienisia sphenops*, 21-22  
*velifera*, 21-22  
*molossus*, *Crotalus*, 247  
*Monoculodes edwardsii*, 137  
*montanus*, *Pseudotriton montanus*, 105, 168  
*mordax*, *Osmerus*, 23  
*morio*, *Epinephelus*, 175  
*mormon*, *Coluber constrictor*, 159  
*Morone*, 263  
*interrupta*, 263  
*Moxostoma cervinum*, 218-19, 224  
*rupiscartes*, 224  
*Mugil cephalus*, 263  
*multicarinatus*, *Gerrhonotus*, 64  
*multicinctus*, *Bungarus multicinctus*, 252  
*Mus musculus*, 48, 64, 159  
*musculus*, *Mus*, 48, 64, 159  
*mutilatus*, *Peropus*, 4  
*Mycteroherca microlepis*, 175  
*venenosa*, 175  
*mydas*, *Chelonia*, 48  
*myersi*, *Gyrinomimus*, 116-17  
*myops*, *Trachinocephalus*, 175  
*Mysis americana*, 134, 136-37, 139, 141-42  
*relicta*, 234  
*nana*, *Hyla*, 153  
*nasica*, *Hyla*, 153  
*nasuta*, *Hyla*, 18  
*Natrix*, 150, 162, 164-67  
*erythrogaster*, *erythrogaster*, 44, 256  
*mairii*, 18  
*popei*, 250  
*rhomboifera*, *rhomboifera*, 263  
*sipedon fasciata*, 73, 256  
*pictiventris*, 256  
*pleuralis*, 255-56  
*sipedon*, 44, 47, 160, 164, 245-46, 255-56  
*stolata*, 250  
*taxispilota*, 73  
*tigrina lateralis*, 250  
*nattereri*, *Eupemphix*, 154-55  
*Neacanthopsis gracilis*, 262  
*nebulosus*, *Cynoscion*, 263  
*Necturus*, 149  
*Nemachilus barbatulus*, 88  
*Neothunnus macropterus*, 84  
*Neotoma fuscipes*, 64, 70  
*nigricans*, *Hypentelium*, 226  
*nigro-maculatus*, *Pomoxis*, 263  
*nitidus*, *Philothamnus semivariegatus*, 16  
*nobilis*, *Gambusia nobilis*, 21-22  
*Noconia leptcephalus*, 226  
*nudulosus*, *Triaenophorus*, 235  
*Norops ophiolepis*, 50  
*notatus*, *Tylosurus*, 192  
*Notropis altipinnis*, 79  
*cerasinus*, 226  
*scepticus*, 79  
*novaeguineae*, *Crocodylus*, 17-20  
*Nucula*, 137  
*obscurus*, *Carcharhinus*, 174-75  
*obsoleta*, *Elaphe obsoleta*, 44, 48, 102, 160, 163-64, 167, 243, 245  
*obtusirostris*, *Exocoetus*, 191  
*occidentalis*, *Poeciliopsis*, 21-22  
*Sceloporus*, 64, 70  
*Sceloporus occidentalis*, 159  
*occipitalis*, *Rana*, 15  
*occipitomaculata*, *Storeria*, 47  
*Storeria occipitomaculata*, 73  
*oceania*, *Gehyra*, 101, 104  
*ochrorhyncha*, *Hypsilegna*, 76, 157  
*Odostomia*, 135  
*olivacea*, *Demansia*, 18  
*Lepidochelys*, 103  
*Pelomedusa subrufa*, 16  
*olympicus*, *Rhacotriton*, 45  
*opacum*, *Ambystoma*, 106  
*Opheodrys*, 150  
*aestivus*, 44, 73  
*Ophicephalus gachua*, 41  
*ophiolepis*, *Norops*, 50  
*Ophisaurus*, 150-51  
*ventralis*, 73  
*ophthalmolepis*, *Lepidoblepharon*, 97  
*orbicularis*, *Emys*, 150  
*ordinoides*, *Thamnophis*, 70  
*oreas*, *Chrosomus*, 226  
*oreganus*, *Crotalus viridis*, 64, 70  
*orientalis*, *Channa*, 41  
*Osmerus mordax*, 23  
*ovale*, *Elachistocleis*, 154  
*Oxybelis acuminatus*, 108  
*Oxyporhamphus*, 191  
*micropterus*, *micropterus*, 191  
*similis*, 191  
*oxyrhynchus*, *Rana oxyrhynchus*, 15  
*oxyurus*, *Lepisosteus osseus*, 100  
*pacificus*, *Fodiator acutus*, 189  
*Pagurus longicarpus*, 139  
*Palaemonetes vulgaris*, 140  
*palustris*, *Rana*, 44  
*papilliferum*, *Syacium*, 175  
*Papilio fuscus*, 65, 70

papuensis, *Sus*, 17-18  
*paracnemis*, *Bufo*, 153-54  
*paradoxa*, *Pseudis*, 154  
*Paralichthys dentatus*, 86  
*Paraphoxus spinosus*, 137  
*Parexocoetoides*, 204, 207, 211, 213  
*vanderbilti*, 201-204, 207, 209, 213  
*Parexocoetus*, 195  
*brachypterus littoralis*, 192, 194  
*melanogenion*, 208  
*mesogaster*, 192  
*pelagicus*, *Syngnathus*, 259  
*Pelamis platurus*, 103  
*pelamis*, *Katsuwonus*, 81-83  
*Pelecinomimus*, 41, 262  
*Pelomedusa subrufa*, 16  
*olivacea*, 16  
*pennsylvanicus*, *Microtis pennsylvanicus*, 64  
*Perca*, 148  
*Percina rex*, 220  
*Perognathus*, 70  
*californicus*, 64  
*inornatus*, 64  
*Peromyscus*, 68, 70, 159  
*boylii*, 64  
*maniculatus*, 64  
*truei*, 64  
*Peropus*, 6  
*mutilatus*, 4  
*petersi*, *Leptodactylus*, 108  
*Phalacrocorax* 17, 249  
*Philothehamnus semivariegatus nitidus*, 16  
*Phoxocephalus holbölli*, 134, 137  
*Phrynobatrachus*, 15  
*acerensis*, 15-16  
*Phrynosoma blainvillii*, 64  
*douglassi douglassi*, 257  
*platyrhinos*, 257  
*Physalaemus albonotatus*, 154  
*fuscomaculatus*, 154  
*gracilis*, 154  
*Physignathus temporalis*, 18  
*picta*, *Ensatina escholtzii*, 45  
*pictiventris*, *Natrix sipedon*, 256  
*pileata*, *Malaclemmys*, 171  
*Malaclemmys terrapin*, 172  
*pinguis*, *Archomenella*, 137  
*pinnatibarbatus*, *Cheilopogon*, 206, 208, 211  
*Cypselurus*, 206, 208, 210-13  
*Exocoetus*, 211-12  
*pinnulatum*, *Cardium*, 137  
*pipli*, *Rana*, 44, 257  
*Pipilo fuscus*, 65, 70  
*piscivorus*, *Aegistodon*, 242, 244-46  
*Aegistodon piscivorus*, 74  
*Pituophis*, 159  
*catenifer*, 70  
*deserticola*, 257  
*sayi sayi*, 167  
*platostomus*, *Lepisosteus*, 263  
*platurus*, *Pelamis*, 103  
*platyrhinos*, *Phrynosoma*, 257  
*Platysternon*, 151  
*Plethodon cinereus cinereus*, 106, 169  
*elongatus*, 45  
*glutinosus glutinosus*, 44, 106-107  
*jordani*, 102  
*metcalfi*, 102, 174  
*richmondi*, 169  
*welleri*, 174  
*pleuralis*, *Natrix sipedon*, 255-56  
*Pleuronichthys*, 196  
*coenosus*, 196  
*pleurospilus*, *Poecilistes*, 21-22  
*Podiceps*, 17  
*podostomone*, *Boleosoma*, 220  
*Poecilia vivipara*, 21  
*Poeciliopsis infans*, 21-22  
*occidentalis* 21-22  
*Poecilistes pleurospilus*, 21-22  
*Polyodon*, 149  
*Pomoxis nigro-maculatus*, 263  
*Pontoporeia*, 234  
*popei*, *Natrix*, 250  
*porosus*, *Crocodylus*, 18-20, 152  
*Porphyrio*, 17  
*Potamobius*, 145  
*principis*, *Gerrhonotus coeruleus*, 155  
*Prionotus*, 119, 121-22, 124, 136, 141  
*carolinus*, 118-21, 123-37, 139-42  
*evolans*, 119  
*evolans*, 119  
*strigatus*, 118-25, 127, 130-33, 136,  
*139-42*  
*strigatus*, 119  
*Prognathys*, 189, 194, 204-205, 208, 213  
*gibbifrons*, 192, 206  
*rondeletii*, 189, 192, 194-95, 206  
*Psammophis elegans*, 16  
*sibilans sibilans*, 16  
*Psephurus*, 149  
*Pseudacris*, 255-58  
*feriarum*, 257  
*nigrita triseriata*, 244, 257-58  
*Pseudemys*, 151  
*scripta troostii*, 263  
*Pseudis*, 153-54  
*paradoxa*, 154  
*Pseudocalanus minutus*, 136  
*Pseudopriacanthus altus*, 175  
*Pseudotriton montanus montanus*, 105, 168  
*Pseudoxiphophorus bimaculatus*, 21-22  
*Pseudupeneus maculatus*, 175  
*Ptenonotus*, 217, 210-11, 213  
*cirriger*, 210  
*melanogenion*, 208  
*Pterophryne*, 193  
*pulchellus*, *Anolis*, 50  
*Cypselurus*, 207, 211-12  
*punctatus*, *Diadophis punctatus*, 73  
*Ictalus*  
*pyrifera*, *Macrocystis*, 190  
*querua*, *Cyclopetta*, 27-28  
*Quietula y-cauda*, 116  
*radix*, *Thamnophis*, 106, 237  
*Raja erinacea*, 140  
*Rana*, 149  
*catesbeiana*, 44, 72  
*clamitans*, 44, 72, 237  
*daemeli*, 18

occipitalis, 15  
*oxyrhynchus oxyrhynchus*, 15  
palustris, 44  
*pipiens*, 44, 257  
    sphencephala, 72  
*raphidoma*, *Tylosurus*, 203  
*rapicaudus*, *Thecadactylus*, 108  
*reevesi*, *Geoclemmys*, 249  
*regani*, *Cetostomus*, 262  
*regilla*, *Hyla*, 257  
*Reithrodontomys megalotis*, 64  
*relicta*, *Mysis*, 234  
*reticulatus*, *Lebistes*, 21  
*rex*, *Percina*, 220  
*Rhadinaea flavigata*, 73  
*Rhipidura*, 18  
*Rhizophorarum*, *Malaclemmys littoralis*, 171  
    *Malaclemmys terrapin*, 172  
*rhombeatus*, *Causus*, 17  
*rhombifera*, *Natrix rhombifera*, 263  
*rhothoea*, *Thoburnia*, 218-25  
*Rhyacotriton olympicus*, 45  
*richmondi*, *Plethodon*, 169  
*Rissola marginata*, 175  
*rivoliana*, *Seriola*, 259  
*Kondeletii*, 262  
*rondeletii*, *Danichthys*, 189, 192, 194, 206  
    *Exonectes*, 189  
    *Prognichthys*, 189, 192, 194-95, 206  
    *Scomberesox*, 193  
*rostrata*, *Anguilla*, 137  
*rostratus*, *Exocoetus*, 189  
    *Fodiator acutus*, 189, 192  
    *Heterostichus*, 190  
*rubra*, *Hyla*, 153  
*Rubus ursinus*, 159  
*rufa*, *Barbourisia*, 41, 260  
*rufibarbis*, *Formica*, 145  
*rufipinnis*, *Danichthys*, 209  
*rufozonatum*, *Dinodon*, 251  
*rupiscartes*, *Moxostoma*, 224  
*ruthenus*, *Acipenser*, 26  
*ruthveni*, *Thamnophis*, 106  
*Rutilus frisii*, 24  
    *rutilus*, *Rutilus*, 24-25  
*saira*, *Cololabis*, 193, 197  
*Salmincola thymalli*, 235  
*Salmo*, 24  
    *lacustris*, 88  
    *signifer*, 227  
    *trutta caspia*, 25  
*salmoides*, *Huro*, 263  
*sapidus*, *Callinectes*, 263  
*Sauromalus*, 254  
    *hispidus*, 254  
*saurus*, *Elops*, 263  
*sayanus*, *Aphredoderus*, 263  
*sayi*, *Pitlophorus sayi*, 167  
*Scaphiopus*, 72  
    *hammondii*, 70  
    *intermontanus*, 256  
    *holbrookii*, *Scaphiopus holbrookii*, 72  
*Scardinius erythrophthalmus*, 24-25  
*Sceloporus*, 159  
    *graciosus graciosus*, 257  
    *occidentalis*, 64, 70  
    *occidentalis*, 159  
    *undulatus fasciatus*, 44, 47, 265  
    *hyacinthinus*, 265  
*scepticus*, *Notropis*, 79  
*scheuchzeri*, *Andrias*, 149  
*Schilbeodes gilberti*, 220  
    *marginatus atrorus*, 226  
*Sciurus griseus*, 64  
*Scolecosaurus trinitatis*, 108  
*Scolopendra*, 49  
*Scomber scombrus*, 136  
*Scomberesox rondeletii*, 193  
*scombrus*, *Scomber*, 136  
*Scorpaena grandicornis*, 175  
*Semotilus atromaculatus atromaculatus*, 226  
*septemspinosus*, *Crago*, 135, 137-42  
*septentrionale*, *Leiopisma*, 149  
*Seriola*, 259  
    *dumerili*, 83, 259  
    *falcata*, 259-60  
    *lalandi*, 259  
    *rivoliana*, 259  
    *zonata*, 259-60  
*serpentina*, *Chelydra serpentina*, 44, 173  
*sexlineatus*, *Cnemidophorus*, 44, 73  
*sibilans*, *Psammophis sibilans*, 16  
*signifer*, *Salmo*, 227  
*Silurus glanis*, 24  
*similis*, *Oxyporhamphus*, 191  
*simplex*, *Gyrinomimus*, 116, 117  
*sinensis*, *Amyda*, 249  
*sipedon*, *Natrix sipedon*, 44, 47, 160, 164, 245-46, 255-56  
*sirtalis*, *Thamnophis*, 70, 254  
    *Thamnophis sirtalis*, 44, 73, 106, 236, 243, 246  
*Sistrurus catenatus catenatus*, 242-43, 245-46, 248  
    *miliarius miliarius*, 73  
    *strekkeri*, 44  
*skiltonianus*, *Eumeces*, 148  
*Sminthillus*, 1  
*solandri*, *Acanthocybium*, 84  
    *Cheilopogon*, 206  
    *Cypselurus*, 206, 210-11, 213  
    *Exocoetus*, 210  
*Solemya velum*, 135  
*spatula*, *Lepisosteus*, 263  
*speculiger*, *Cypselurus*, 188-89, 206  
    *Hirundichthys*, 188-89, 206  
*spiegazzinii*, *Hyla*, 153  
*Sphaerodactylus*, 1  
    *macrolepis*, 50  
*sphenocephala*, *Rana pipiens*, 72  
*spheonops*, *Mollisensia*, 21-22  
*spilosoma*, *Citellus*, 51  
*spilurus*, *Exocoetus*, 211  
*spinosus*, *Paraphoxus*, 137  
*squirella*, *Hyla*, 72  
*stansburiana*, *Uta*, 64, 70  
    *Uta stansburiana*, 157, 257  
*stellatus*, *Acipenser*, 25  
*Stenodus leucichthys*, 25

stenolepis, *Michtheimysis*, 134, 139  
*stolata*, *Natrix*, 250  
*Storeria dekayi*, 244, 246-47  
  occipitomaculata, 47  
  occipitomaculata, 73  
*streckeri*, *Sistrurus miliarius*, 44  
*strigatus*, *Prionotus*, 119  
  *Prionotus evolans*, 118-25, 127, 130-33,  
  136, 139-42  
*Strongylura*, 192  
  *marina*, 192  
*strongylurus*, *Tylosurus*, 192  
*subrufa*, *Pelomedusa*, 16  
*Sus barbatus*, 48  
  *papuensis*, 17-18  
*subrubrum*, *Kinosternon subrubrum*, 74  
*Syacium papillosum*, 175  
*Sylvilagus auduboni*, 64, 70  
*Syngnathus pelagicus*, 259  
*syspila*, *Lampropeltis triangulum*, 44  
  
*tabularis*, *Cerapus*, 137-38  
*taenia*, *Cobitis*, 262  
*Takydromus sexlineatus meridionalis*, 250  
*Tarpon atlanticus*, 175  
*Tautogolabrus adspersus*, 136  
*taxipilota*, *Natrix*, 73  
*Tellina*, 135  
  *tenera*, 137  
*temporalis*, *Physignathus*, 18  
*tenera*, *Tellina*, 137  
*terrabensis*, *Brachyrhaphis*, 21-22  
*Terrapene carolina*, 173  
  *triunguis*, 173  
*terrapin*, *Malaclemmys*, 171  
  *Malaclemmys terrapin*, 172  
*terrestris*, *Bufo*, 72, 107  
  *Bufo terrestris*, 107  
*tessellatus*, *Cnemidophorus*, 64, 70  
  *Cnemidophorus tessellatus*, 257  
*Thamnophis*, 106, 167  
  *butleri*, 106  
  *macrostemma*, 106  
  *marianus*, 106  
  *ordinoides*, 70  
  *radix*, 106, 237  
  *ruthveni*, 106  
  *sirtalis*, 70, 254  
  *sirtalis*, 44, 73, 106, 236, 243, 246  
*Thecadactylus rapicaudus*, 108  
*Theoptops erythrocephalus*, 145  
*Thoburnia*, 218-23  
  *hamiltoni*, 218, 219, 220-23  
  *rhothoeca*, 218-25  
*Thomomys bottae*, 64, 70  
*thompsoni*, *Alligator*, 150  
*Thorius dubius*, 45  
*thymalli*, *Salmiocola*, 235  
*tigrinum*, *Ambystoma tigrinum*, 51  
*Tilapia macrocephala*, 88  
*Tmtonyx*, 134  
*Trachinocephalus myops*, 175  
*Triaenophorus crassus*, 235  
  *nodulosus*, 235  
*triangulum*, *Lampropeltis triangulum*, 245,  
  247-48  
  
*tridentiger*, *Allogambusia*, 21-22  
*Trigla gurnardus*, 124  
*trilineatus*, *Attractus*, 108  
*Trimeresurus*, 151  
*trinitatis*, *Eupemphix pustulosus*, 108  
*Sceloposaurus*, 108  
*Trionyx*, 148, 150  
*triseriata*, *Pseudacris nigrita*, 44, 257-58  
*Triturus*, 149  
  *granulosus*, *granulosus*, 45  
  *viridescens*, *viridescens*, 48  
*triunguis*, *Terrapene*, 44  
*troostii*, *Pseudemys scripta*, 263  
*truei*, *Peromyscus*, 64  
*Trygon tuberculata*, 42  
*tuberculata*, *Trygon*, 42  
*Turbanilla elegans*, 139  
*Tylosurus*, 191  
  *longirostris*, 192  
  *marinus*, 192  
  *melanotus*, 192  
  *notatus*, 192  
  *raphidoma*, 203  
  *strongylurus*, 192  
*Typhlops braminus*, 101  
  
*Unciola irrorata*, 134, 137, 139  
*undulatus*, *Micropogon*, 263  
*Upogebia affinis*, 135  
*Uranoscopus*, 42  
*urichi*, *Eleutherodactylus*, 108  
*ursinus*, *Rubus*, 159  
*Uta*, 157-58  
  *stansburiana*, 64, 70  
  *stansburiana*, 157, 257  
  
*vanderbilti*, *Parexocoetoides*, 201-204, 207,  
  209, 213  
*vandoisulus*, *Clinostomus*, 226  
*Varanus*, 48  
*velifera*, *Mollienia*, 21-22  
*velum*, *Solemya*, 135  
*venenosa*, *Mycteroperca*, 175  
*ventralis*, *Ophisaurus*, 73  
*venulosa*, *Hyla*, 153  
*vermis*, *Carpophis amoena*, 44  
*versicolor*, *Hyla versicolor*, 72  
*viridescens*, *Triturus viridescens*, 48  
*vittatus*, *Gonatodes*, 108  
*vivipara*, *Poecilia*, 21  
*volgensis*, *Lucioperca*, 24  
*volitans*, *Cephalacanthus*, 140  
  *Exocoetus*, 191, 194-95  
*vulgaris*, *Palaemonetes*, 140  
  
*wanghotingi*, *Bungarus multicinctus*, 252  
*webbii*, *Gerrhonotus multicarinatus*, 105  
*welleri*, *Plethodon*, 174  
*wislizenii*, *Crotaphytus*, 257  
*woodhousii*, *Bufo*, 236  
  
*yaito*, *Euthynnus*, 84  
*y-cauda*, *Quietula*, 116  
  
*zonata*, *Seriola*, 259-60  
*Zonichthys falcatus*, 259

